

AMENDMENTS TO THE CLAIMS

The following listing of claims replaces all prior versions and listings of claims in the application.

1. – 12. (canceled)

13. (new): A method suitable for placing at least one component in a desired position on at least one substrate by means of a device, wherein the device comprises a displaceable arm on which at least two placement devices and at least two image recording devices are provided, wherein the at least two image recording devices are separated from each other by a certain pitch distance, wherein the at least two placement devices are separated from each other by substantially the same pitch distance, wherein said image recording devices and placement devices are separated from each other by one said pitch distance or a multiple thereof, the method comprising the steps of:

recording, using at least one of the image recording devices, an image of at least one reference element located on a substrate;

determining, by processing said image, the location of the desired position relative to the reference element;

placing, using at least one of the placement devices, the component in the desired position on the substrate while the at least one image recording device records the image of at least one reference element located on a substrate.

14. (new): The method according to claim 13, wherein the step of recording comprises:

recording, using at least two image recording devices, the image of the at least one reference element located on the substrate while

placing, using the placement device, components on the substrate.

15. (new): The method according to claim 14, wherein four substrates are separated from each other by substantially the same pitch distance, and wherein the method comprises the steps of:

imaging two of the four substrates with the image recording devices while placing two components on the other two substrates using the placement devices.

16. (new): The method according to claim 13, wherein each image recording device cooperates with an associated placement device, and wherein the method comprises the steps of:

imaging, using a first image recording device, at least one reference element located on a first substrate while the associated placement device places a component on the first substrate; and thereafter

imaging, using a second image recording device, at least one reference element located on a second substrate while at the same time the associated second placement device places a component on the second substrate.

17. (new): The method according to claim 13, wherein the method comprises: picking-up, using the placement devices, two components simultaneously from a component feeder device.

18. (new): The method according to claim 13, wherein the substrate is located on a positioning table, and wherein the method comprises:

controlling the positioning table in the plane of the substrate.

19. (new): The method according to claim 13, wherein the placement devices are independently displaceable in a plane of the substrate.

20. (new): A device comprising:
an arm;
at least two image recording device positioned on the arm, wherein the image recording devices are separated from each other by a pitch distance; and
at least two placement devices positioned on the arm, wherein the placement devices are configured to place a component on a substrate, and wherein the placement devices are separated from each other by the same pitch distance,
wherein the image recording devices and the placement devices are separated from one another by one pitch distance or a multiple thereof.
21. (new): The device according to claim 20, further comprising:
at least two fluxing devices that are separated by substantially the same pitch distance as the placement devices.
22. (new): The device according to claim 20, further comprising:
at least two additional image recording devices that are separated by substantially the same pitch distance as the placement devices.
23. (new): The device according to any claim 20, wherein the image recording devices and the placement devices are substantially situated in a line.
24. (new): The device according to claim 23, wherein the two image recording devices are positioned next to one another in the line, and wherein the two placement devices are positioned to one side of the image recording devices in the line.
25. (new): The device according to claim 20, wherein one of the placement devices is located on the arm between two image recording devices.